

CLAIMS

1. An aluminum alloy for cutting processing, the aluminum alloy consisting essentially of Cu: 1 to 6.5 mass%, Zn: 0.05 to 1 mass%, Bi: 0.1 to 1 mass%, Sn: 0.1 to 1 mass%, B: 100 mass ppm or less.
5
2. The aluminum alloy for cutting processing as recited in claim 1, further including at least one element as a selective additional element selected from the group consisting of Fe: 0.05 to 1 mass%, Mg: 0.01 to 0.3 mass%, Si: 0.05 to 1 mass% and Ti: 0.01 to 0.5 mass%.
10
3. The aluminum alloy for cutting processing as recited in claim 2, wherein the Mg content is 0.01 to 0.1 mass%.
15
4. The aluminum alloy for cutting processing as recited in any one of claims 1 to 3, wherein the Cu content is 4 to 6 mass%.
5. The aluminum alloy for cutting processing as recited in any one of claims 1 to 4, wherein the Zn content is 0.1 to 0.5 mass%.
20
6. The aluminum alloy for cutting processing as recited in any one of claims 1 to 5, wherein the Bi content is 0.2 to 0.8 mass%.
7. The aluminum alloy for cutting processing as recited in
25

any one of claims 1 to 6, wherein the Sn content is 0.2 to 0.8 mass%.

8. The aluminum alloy for cutting processing as recited in any one of claims 1 to 7, wherein the B content is 3 to 10 mass%.

5

9. An aluminum alloy worked article made of the aluminum alloy for cutting processing as recited in any one of claims 1 to 8.

10 10. The aluminum alloy worked article as recited in claim 9, wherein the aluminum alloy worked article is an extruded article.

11. The aluminum alloy worked article as recited in claim 9, wherein the aluminum alloy worked article is a cut article made
15 by cutting a raw material.

12. The aluminum alloy worked article as recited in any one of claims 9 to 11, wherein the aluminum alloy worked article has an anodic oxide coating formed on a surface thereof.